

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011653.D
 Acq On : 03 Aug 2019 06:52
 Operator : SY/VA
 Sample : K4131-20
 Misc : 5.78G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4-(30)

Quant Time: Aug 04 01:17:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

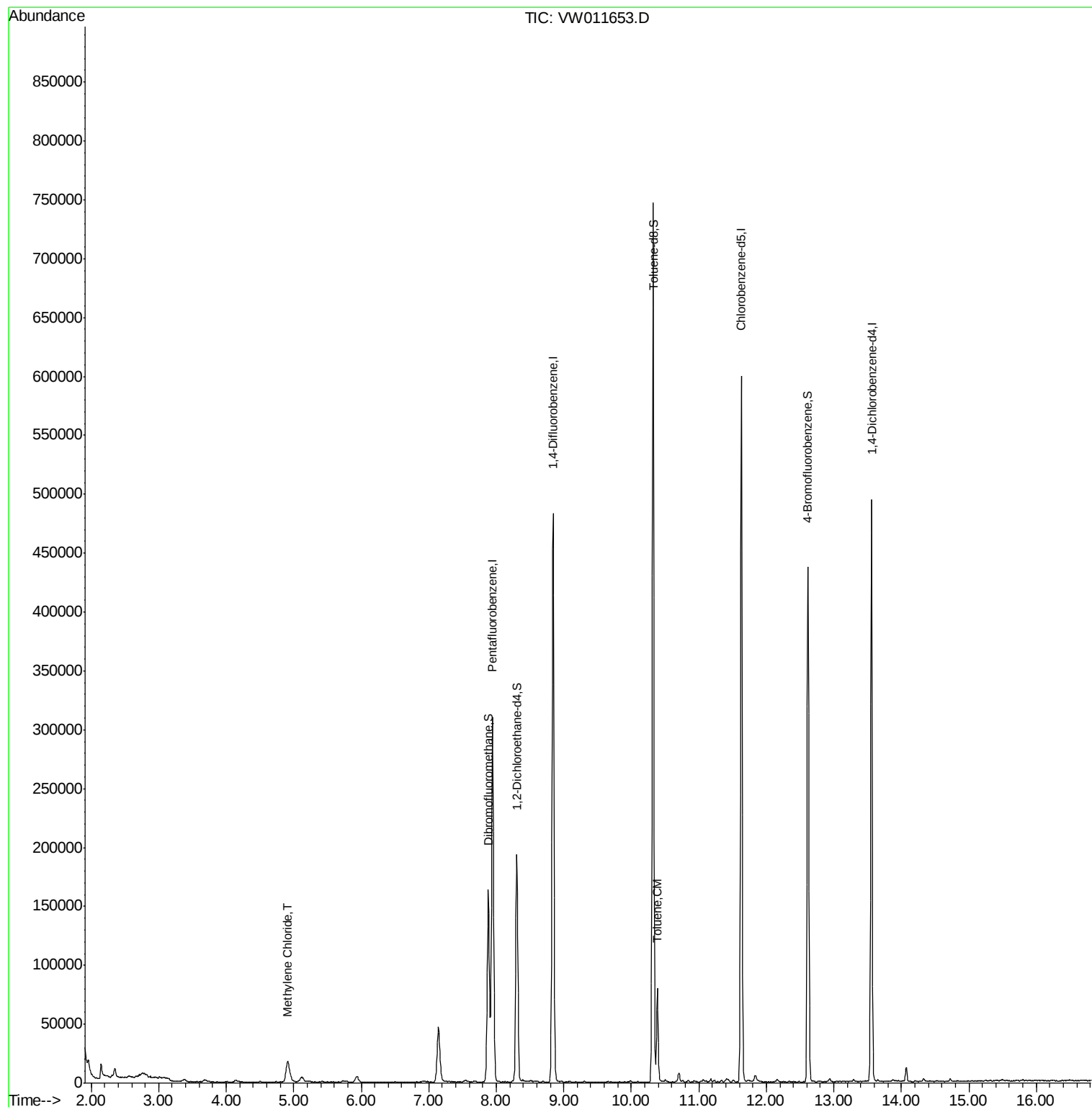
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148155	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.88	113	115928	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
50) Toluene-d8	10.32	98	463833	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.62	95	144011	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
20) Methylene Chloride	4.91	84	13960	4.985	ug/l	95
52) Toluene	10.38	92	32628	4.939	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011653.D

Acq: 03 Aug 2019 06:52

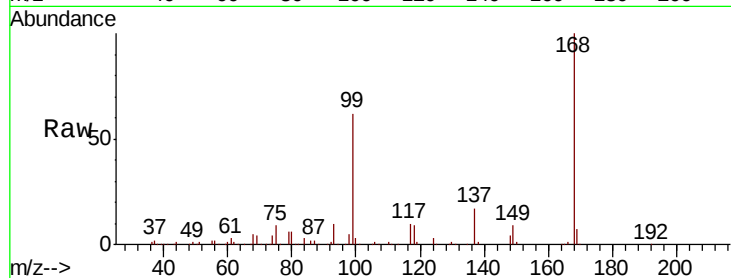
Instrument :
MSVOA_W
ClientSampleId :
1S-E4-(30)

Tot Ion:168 Resp: 222313

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

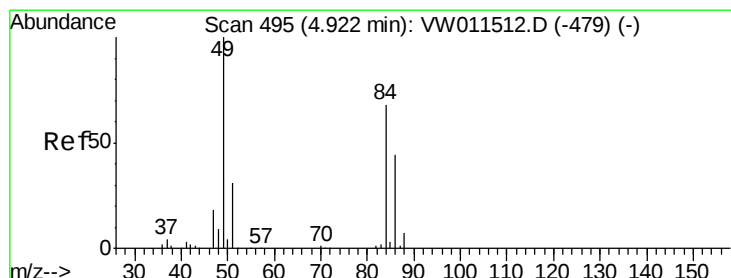
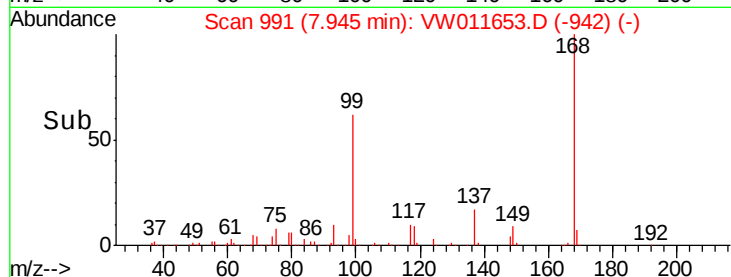
40000

20000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 4.985 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011653.D

Acq: 03 Aug 2019 06:52

Tgt Ion: 84 Resp: 13960

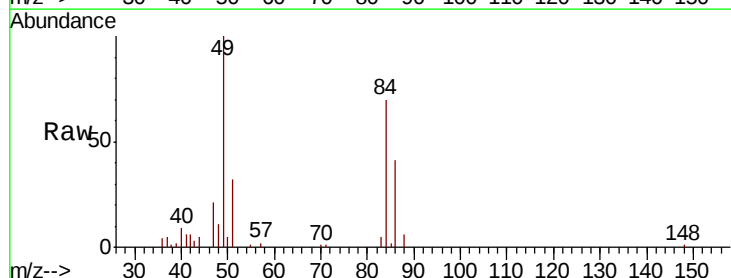
Ion Ratio Lower Upper

84 100

49 141.9 117.8 176.6

51 45.0 37.0 55.4

86 57.6 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

6000

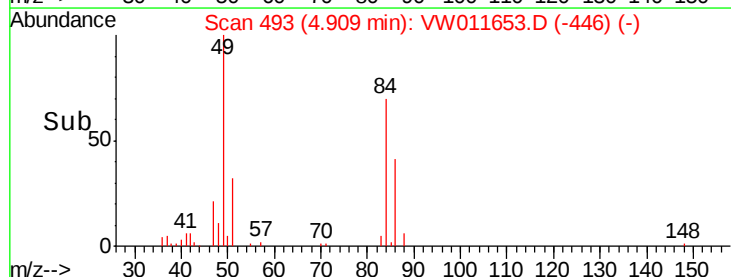
4000

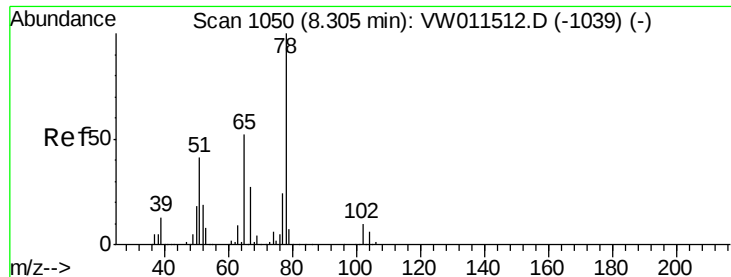
2000

0

Time-->

4.80 4.90 5.00

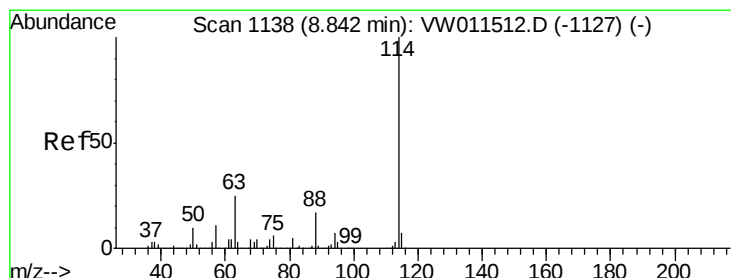
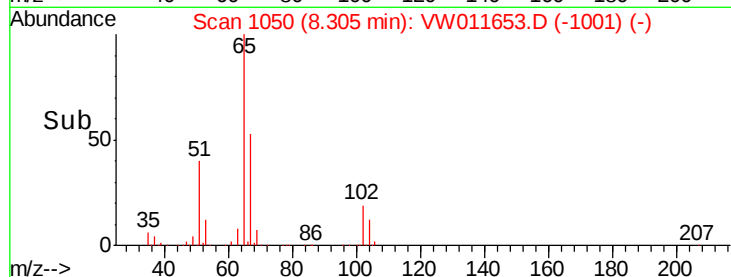
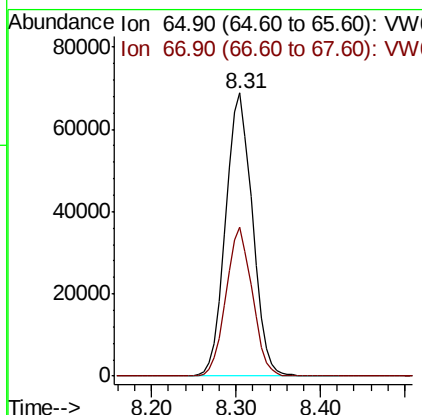
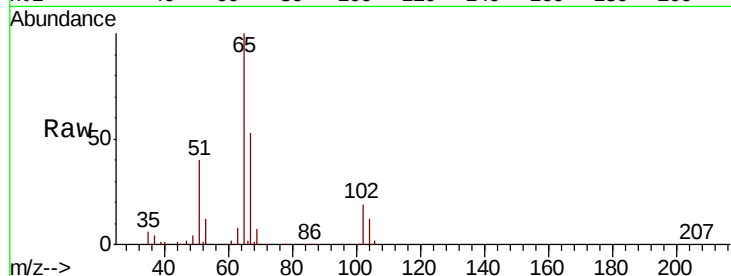




#33
 1,2-Dichloroethane-d4
 Concen: 58.037 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011653.D
 Acq: 03 Aug 2019 06:52

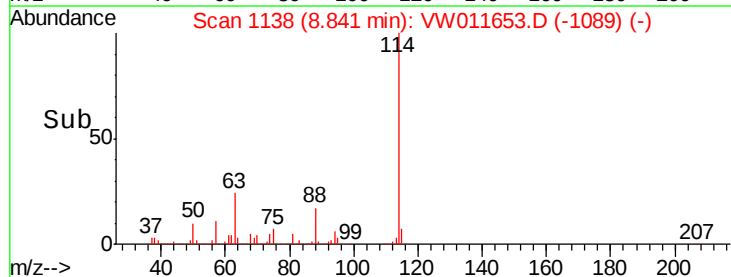
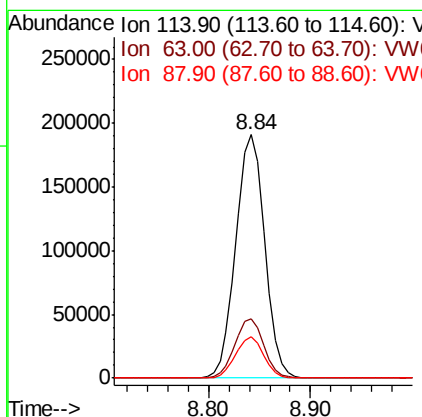
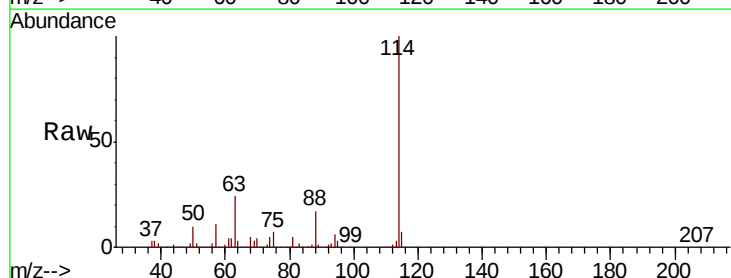
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4-(30)

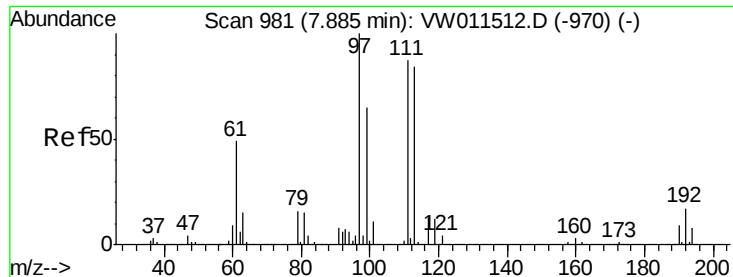
Tot Ion: 65 Resp: 148155
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011653.D
 Acq: 03 Aug 2019 06:52

Tgt Ion: 114 Resp: 375567
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.7 0.0 33.8

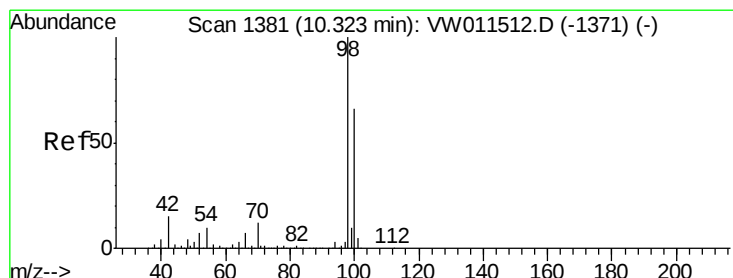
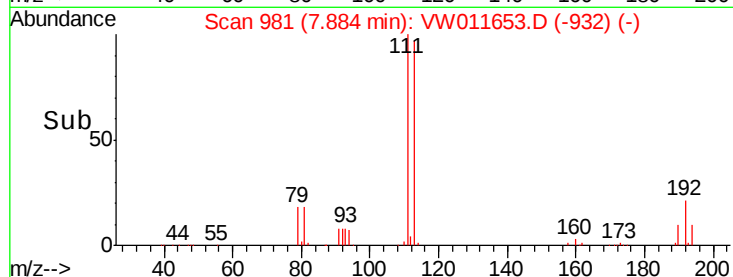
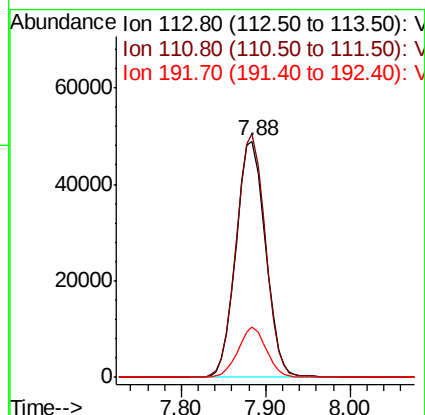
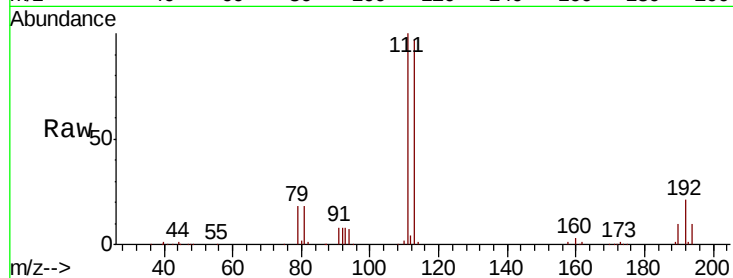




#35
Dibromofluoromethane
Concen: 55.020 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011653.D
Acq: 03 Aug 2019 06:52

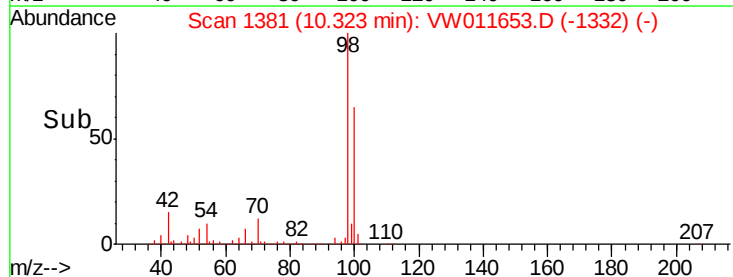
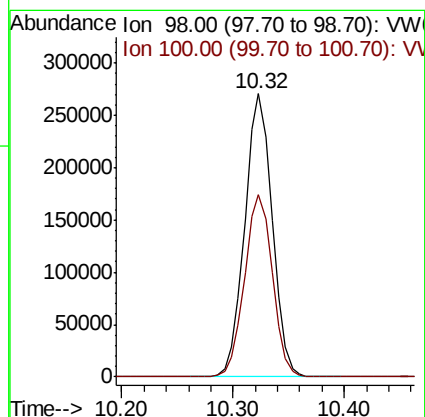
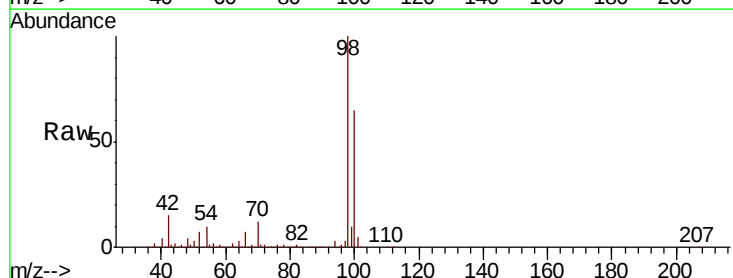
Instrument :
MSVOA_W
ClientSampleId :
1S-E4-(30)

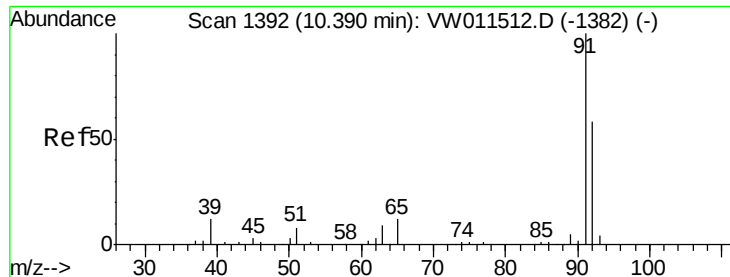
Tot Ion:113 Resp: 115928
Ion Ratio Lower Upper
113 100
111 101.7 82.7 124.1
192 20.3 16.1 24.1



#50
Toluene-d8
Concen: 53.767 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011653.D
Acq: 03 Aug 2019 06:52

Tgt Ion: 98 Resp: 463833
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#52

Toluene

Concen: 4.939 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011653.D

Acq: 03 Aug 2019 06:52

Instrument :

MSVOA_W

ClientSampleId :

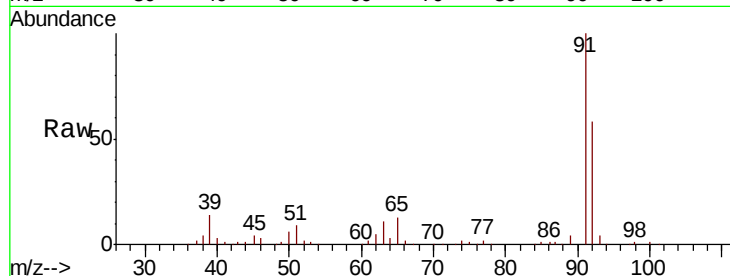
1S-E4-(30)

Tot Ion: 92 Resp: 32628

Ion Ratio Lower Upper

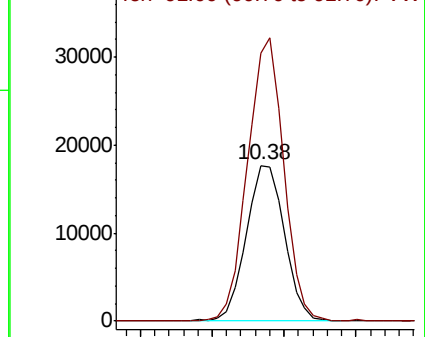
92 100

91 170.9 136.7 205.1

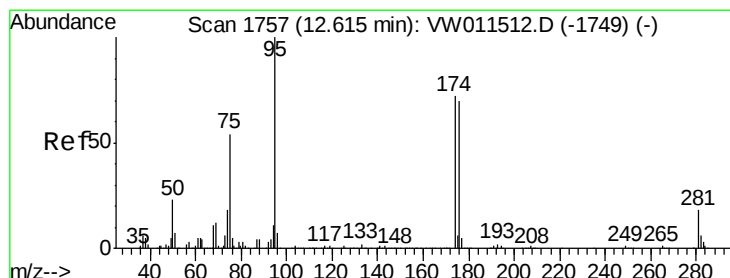
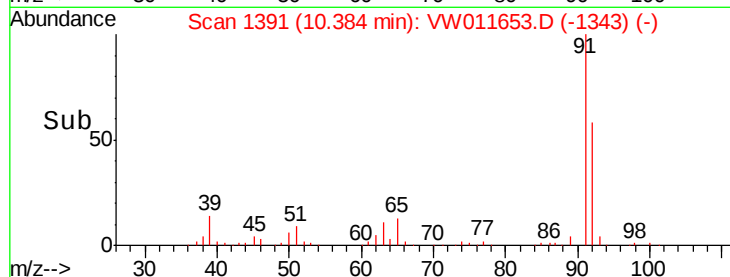


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 46.824 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011653.D

Acq: 03 Aug 2019 06:52

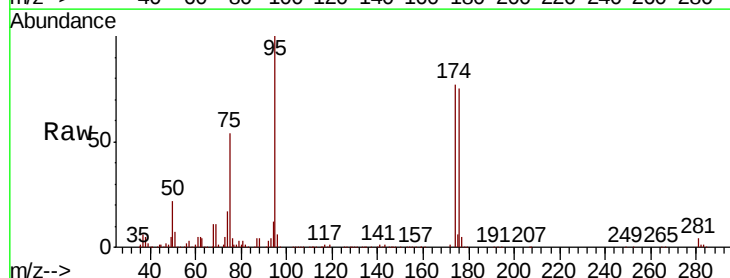
Tgt Ion: 95 Resp: 144011

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

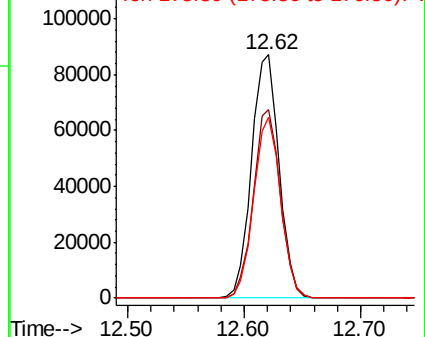
176 72.9 0.0 144.4



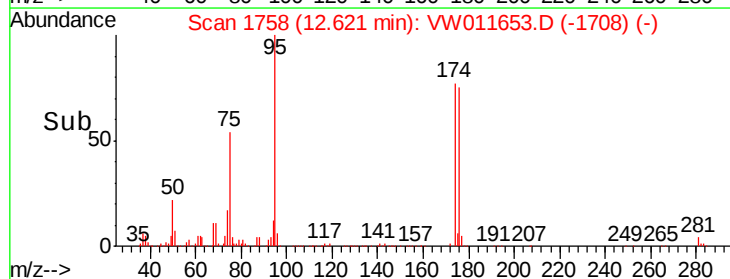
Abundance Ion 94.90 (94.60 to 95.60): VW

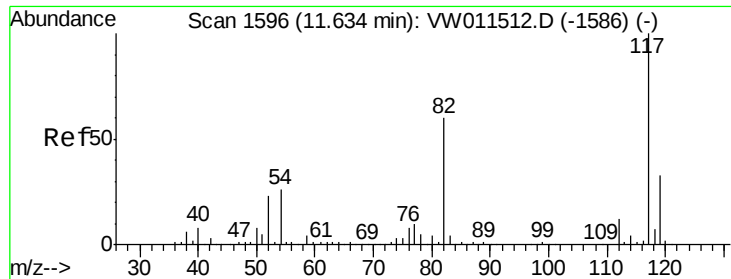
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

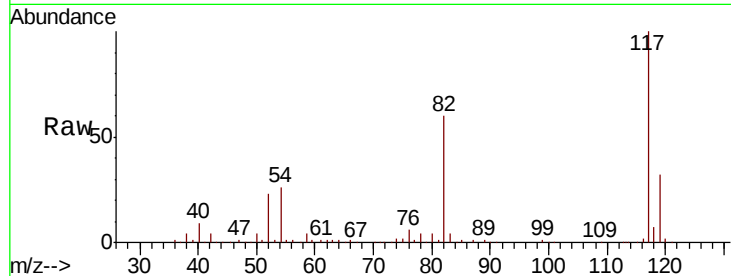




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011653.D
Acq: 03 Aug 2019 06:52

Instrument :
MSVOA_W
ClientSampleId :
1S-E4-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.9	71.9
119	31.8	26.2	39.2

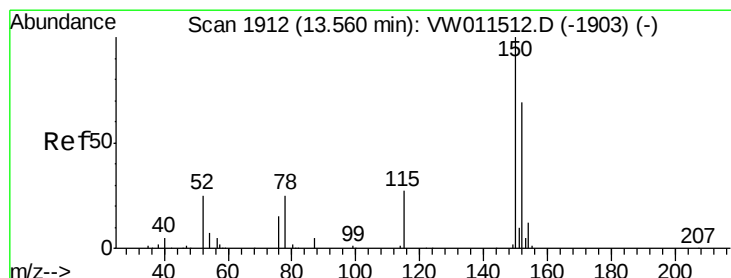
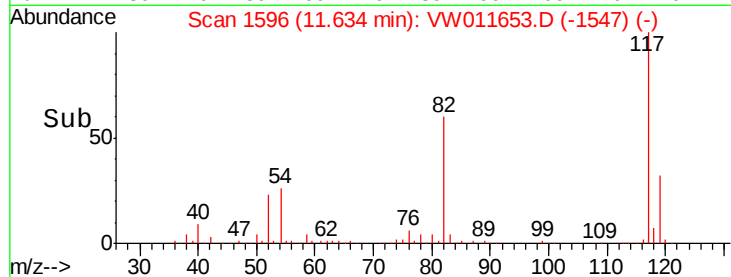
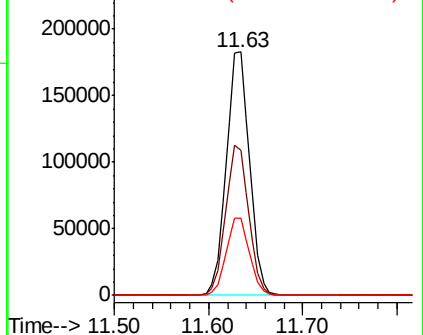


Abundance

Ion 116.90 (116.60 to 117.60): V

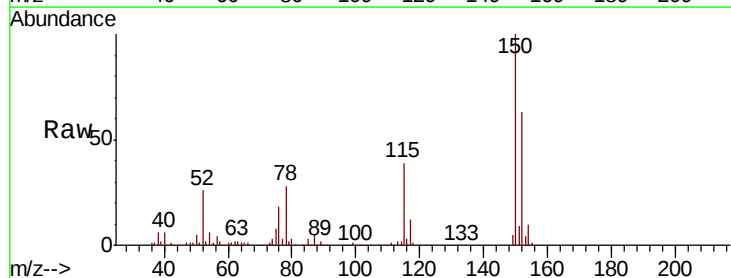
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011653.D
Acq: 03 Aug 2019 06:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.5	91.5
150	156.4	0.0	352.6



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

